

Claims

1. A built-in lamp comprising a holder for fastening in an installation
5 surface (11), in particular in a room ceiling, a bulb (6) and a reflector,
with a reflector opening disposed in the direction of illumination
defining a direct light discharge region (1),
characterized in that
the direct light discharge region (1) is surrounded at least regionally
10 by a diffuse light discharge region (2).
2. A built-in lamp in accordance with claim 1, characterized in that the
direct light discharge region (1) and the diffuse light discharge region
15 (2) can be acted on by a common bulb (6).
3. A built-in lamp in accordance with claim 1 or claim 2, characterized
in that the reflector opening defining the direct light discharge region
(1) is associated with a direct light reflector (4) on whose side remote
from the direct light discharge region (1) an additional reflector or
20 background reflector (7) is provided.
4. A built-in lamp in accordance with any one of the preceding claims,
characterized in that a light passage region is formed between the
additional reflector (7) and the direct light reflector (4).
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5. A built-in lamp in accordance with any one of the preceding claims,
characterized in that the diffuse light discharge region (2) can only be
acted on indirectly by the bulb (6) via the additional reflector (7).

6. A built-in lamp in accordance with any one of the preceding claims,
characterized in that the additional reflector (7) is formed at least
partly by at least one planar or pre-determinably curved or kinked
reflector surface which ensures a pre-determinable splitting of the
portion of the reflected light directed to the direct light discharge
region (1) and to the diffuse light discharge region (2).
7. A built-in lamp in accordance with any one of the preceding claims,
characterized in that the bulb (6) and the direct light reflector (4) are
arranged in a housing (10) which is in particular light-proof and/or
dust-proof and whose inner surface is made at least regionally as an
additional reflector (7).
8. A built-in lamp in accordance with any one of the preceding claims,
characterized in that the additional reflector (7) is made to be
specularly reflecting or diffusely reflecting.
9. A built-in lamp in accordance with any one of the preceding claims,
characterized in that the direct light reflector (4) is made to be
specularly reflecting on its inner side.
10. A built-in lamp in accordance with any one of the preceding claims,
characterized in that the direct light reflector (4) is made to be
specularly reflecting or diffusely reflecting on its outer side.
11. A built-in lamp in accordance with any one of the preceding claims,
characterized in that the bulb (6) is located inside the direct light

reflector (4) and/or between the direct light reflector (4) and the additional reflector (7).

- 5 12. A built-in lamp in accordance with any one of the preceding claims, characterized in that the diffuse light discharge region (2) is terminated in the direction of illumination by a translucent scattering plate (15) or by an element having apertures, in particular by a perforated metal sheet.
- 10 13. A built-in lamp in accordance with any one of the preceding claims, characterized in that the housing (10) in accordance with claim 7 is terminated in at least a largely dust-proof manner by the scattering plate (13, 15) in the region of the diffuse light discharge region (2) and by a plate (13, 14) which is in particular transparent in the region of
15 the direct light discharge region (1).
14. A built-in lamp in accordance with claim 13, characterized in that the translucent scattering plate (13) and the plate (13), which is in particular transparent, are made in one piece.
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15. A built-in lamp in accordance with any one of the claims 1 to 12, characterized in that the direct light reflector (4) is made to be open in the direct light discharge region (1).
- 25 16. A built-in lamp in accordance with any one of the preceding claims, characterized in that the direct light discharge region (1) has a circular shape.

17. A built-in lamp in accordance with any one of the preceding claims,
characterized in that the diffuse light discharge region (2) is bounded
on the inner side by a circular line (3) and on the outer side by a
polygonal line, in particular by a rectangular or square line (8), or by
a further circular line.

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18. A built-in lamp in accordance with any one of the preceding claims,
characterized in that the direct light reflector (4) is held pivotably in
the housing (10).

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19. A built-in lamp in accordance with any one of the preceding claims,
characterized in that a common inclination of the direct light
discharge region (1) with the diffuse light discharge region (2) is
adjustable with respect to the installation surface (11) by a pivoting of
the direct light reflector (4); or in that an inclination of the direct light
discharge region (1) is adjustable with respect to the diffuse light
discharge region (2) by a pivoting of the direct light reflector (4).

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20. A built-in lamp in accordance with any one of the preceding claims,
characterized in that the direct light reflector (4) is held pivotably in
the housing (10) together with the bulb (6).

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